

CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

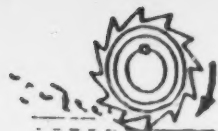
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug.	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
Sept.	\$ 148,150,000	\$ 7,650,000	\$ 155,800,000	1,061.55	\$ 118,650,000	\$ 13,050,000	\$ 131,700,000
Oct.	\$ 185,550,000	\$ 17,000,000	\$ 202,550,000	1,118.70	\$ 134,000,000	\$ 11,400,000	\$ 145,400,000
Nov.	\$ 148,500,000	\$ 11,750,000	\$ 160,250,000	1,131.25	\$ 133,250,000	\$ 14,450,000	\$ 147,700,000
Dec.	\$ 132,450,000	\$ 18,800,000	\$ 151,250,000	1,044.70	\$ 206,500,000	\$ 31,300,000	\$ 237,800,000
12 Mos.	\$1,558,200,000	\$ 137,950,000	\$1,696,150,000		\$1,630,050,000	\$ 215,000,000	\$1,845,050,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000	\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug.	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000	\$ 16,150,000	\$ 600,000	\$ 16,750,000
Sept.	\$ 163,950,000	\$ 8,600,000	\$ 172,550,000	\$ 15,800,000	\$ 950,000	\$ 16,750,000
Oct.	\$ 194,800,000	\$ 17,850,000	\$ 212,650,000	\$ 9,250,000	\$ 850,000	\$ 10,100,000
Nov.	\$ 154,650,000	\$ 12,000,000	\$ 166,650,000	\$ 6,150,000	\$ 250,000	\$ 6,400,000
Dec.	\$ 144,400,000	\$ 21,000,000	\$ 165,400,000	\$ 11,950,000	\$ 2,200,000	\$ 14,150,000
12 Mos.	\$1,739,200,000	\$ 150,500,000	\$1,889,700,000	\$ 181,000,000	\$ 12,550,000	\$ 193,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

CUTTING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug.	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
Sept.	\$ 98,600,000	\$ 3,850,000	\$ 102,450,000	878.15	\$ 85,500,000	\$ 8,600,000	\$ 94,100,000
Oct.	\$ 115,600,000	\$ 13,850,000	\$ 129,450,000	905.55	\$ 93,150,000	\$ 8,900,000	\$ 102,050,000
Nov.	\$ 107,650,000	\$ 7,700,000	\$ 115,350,000	913.65	\$ 96,150,000	\$ 11,100,000	\$ 107,250,000
Dec.	\$ 84,150,000	\$ 7,100,000	\$ 91,250,000	823.15	\$ 152,150,000	\$ 29,600,000	\$ 181,750,000
12 Mos.	\$1,069,450,000	\$ 82,200,000	\$1,151,650,000		\$1,199,600,000	\$171,900,000	\$1,371,500,000

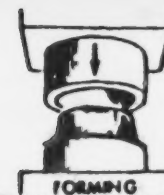
DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000	\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000	\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000	\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000	\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000	\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000	\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000	\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug.	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000	\$ 15,350,000	\$ 300,000	\$ 15,650,000
Sept.	\$ 111,400,000	\$ 4,750,000	\$ 116,150,000	\$ 12,800,000	\$ 900,000	\$ 13,700,000
Oct.	\$ 123,650,000	\$ 14,450,000	\$ 138,100,000	\$ 8,050,000	\$ 600,000	\$ 8,650,000
Nov.	\$ 112,550,000	\$ 7,800,000	\$ 120,350,000	\$ 4,900,000	\$ 100,000	\$ 5,000,000
Dec.	\$ 95,350,000	\$ 9,100,000	\$ 104,450,000	\$ 11,200,000	\$ 2,000,000	\$ 13,200,000
12 Mos.	\$1,236,000,000	\$ 92,400,000	\$1,328,400,000	\$ 166,550,000	\$ 10,200,000	\$ 176,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug.	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
Sept.	\$ 49,550,000	\$ 3,800,000	\$ 53,350,000	183.40	\$ 33,150,000	\$ 4,450,000	\$ 37,600,000
Oct.	\$ 69,950,000	\$ 3,150,000	\$ 73,100,000	213.15	\$ 40,850,000	\$ 2,500,000	\$ 43,350,000
Nov.	\$ 40,850,000	\$ 4,050,000	\$ 44,900,000	217.60	\$ 37,100,000	\$ 3,350,000	\$ 40,450,000
Dec.	\$ 48,300,000	\$ 11,700,000	\$ 60,000,000	221.55	\$ 54,350,000	\$ 1,700,000	\$ 56,050,000
12 Mos.	\$ 488,750,000	\$ 55,750,000	\$ 544,500,000		\$ 430,450,000	\$ 43,100,000	\$ 473,550,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000	\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000	\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000	\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000	\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000	\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000	\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000	\$ 500,000	\$ 50,000	\$ 550,000
Aug.	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000	\$ 800,000	\$ 300,000	\$ 1,100,000
Sept.	\$ 52,550,000	\$ 3,850,000	\$ 56,400,000	\$ 3,000,000	\$ 50,000	\$ 3,050,000
Oct.	\$ 71,150,000	\$ 3,400,000	\$ 74,550,000	\$ 1,200,000	\$ 250,000	\$ 1,450,000
Nov.	\$ 42,100,000	\$ 4,200,000	\$ 46,300,000	\$ 1,250,000	\$ 150,000	\$ 1,400,000
Dec.	\$ 49,050,000	\$ 11,900,000	\$ 60,950,000	\$ 750,000	\$ 200,000	\$ 950,000
12 Mos.	\$ 503,200,000	\$ 58,100,000	\$ 561,300,000	\$ 14,450,000	\$ 2,350,000	\$ 16,800,000

P - Preliminary

N.M.T.B.A. P - 1d

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